

| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | |
|--|--|--|--|--|--|--|--|--|--|

MULTIMEDIA UNIVERSITY

FINAL EXAMINATION

TRIMESTER 1, 2018/2019

MCI1013 – INTERNET APPLICATION

(All sections / Groups)

17 OCTOBER 2018
9.00 AM - 11.00 AM
(2 Hours)

INSTRUCTION TO THE STUDENT

1. This Question paper consists of 3 pages including cover page with 5 Questions only.
2. Answer **FOUR** out of FIVE questions. All questions carry equal marks and the distribution of the marks for each question is given.
3. Please print all your answers in the Answer Booklet provided.

Question 1

- a. State five scripting languages used in web development. (5 marks)
 - b. Discuss the role of user experience in mobile application design. (8 marks)
 - c. Elaborate the characteristics of *IoT*. (12 marks)
- (Total = 25 marks)

Question 2

- a. Draw the framework diagram for an internet application. (5 marks)
 - b. What does the acronym *MVP* stand for? Explain the usage of an MVP. (8 marks)
 - c. Describe the elements of mobile design. (12 marks)
- (Total = 25 marks)

Question 3

- a. How is Java different from Javascript? (5 marks)
 - b. Differentiate mobile web app from native applications. (8 marks)
 - c. Different layout for different device. Discuss. (12 marks)
- (Total = 25 marks)

Question 4

- a. What is *Mobile 2.0*? (5 marks)
 - b. What is the difference between *API* and *SDK*? (8 marks)
 - c. Explain the evolution of devices and the impact on user experience. (12 marks)
- (Total = 25 marks)

Continued...

Question 5

a. What is *multiserving*? (5 marks)

b. Elaborate the use of *Box Model* in CSS design. (8 marks)

c. Briefly explain the *document structure* below:

i. <title>...</title>

ii. <h1>...</h1>

iii. ...

(12 marks)

(Total = 25 marks)

End of Paper